

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H04B10/155

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 887 074 A (SIMON MICHAEL ET AL) 12 December 1989 (1989-12-12) column 1, line 39 - line 66; figure 1	1-16
X	US 6 144 222 A (HO RUPERT) 7 November 2000 (2000-11-07) column 1, line 59 - column 2, line 24; figure 1	1-16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*8\* document member of the same patent family

Date of the actual completion of the international search

7 September 2004

Date of mailing of the international search report

16/09/2004

Name and mailing address of the ISA

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4887074	A	12-12-1989	NONE	
US 6144222	A	07-11-2000	CA 2242720 C	16-05-2000